

SEQUENCE LISTING

<110> IMAKAWA, Kazuhiko
NAGAOKA, Kentaro
WATANABE, Fumiko

<120> Regulator for Implantation

<130> 2005-0329A/WMC/01332

<140> 10/526,543

<141> 2005-03-03

<150> PCT/JP2003/011268

<151> 2003-09-03

<150> JP 2002-259268

<151> 2002-09-04

<160> 26

<170> PatentIn Ver. 2.0

<210> 1

<211> 1171

<212> DNA

<213> Ovis aries

<220>

<221> CDS

<222> (60)..(368)

```

<400> 1
cactcctcaa ctcttcaggc agtctgagct actgcagaag taccttcagt tgcagcacc 59

atg aac aaa agt ggt ttt ctt att ttc tgc ctt atc ctt ctg act ctg 107
Met Asn Lys Ser Gly Phe Leu Ile Phe Cys Leu Ile Leu Leu Thr Leu
  1      5      10      15

agt caa ggc ata cct ctc tct agg aac aca cgc tgc acc tgc atc gag 155
Ser Gln Gly Ile Pro Leu Ser Arg Asn Thr Arg Cys Thr Cys Ile Glu
      20      25      30

atc agt aat gga tct gtt aat cca agg tcc tta gaa aaa ctt gaa ctg 203
Ile Ser Asn Gly Ser Val Asn Pro Arg Ser Leu Glu Lys Leu Glu Leu
      35      40      45

att cct gca agt caa tcc tgc cca cgt gtc gag att att gcc aca atg 251
Ile Pro Ala Ser Gln Ser Cys Pro Arg Val Glu Ile Ile Ala Thr Met
      50      55      60

aaa agg aat ggg gag aaa aga tgt ctg aat cca gaa tct aag acc atc 299
Lys Arg Asn Gly Glu Lys Arg Cys Leu Asn Pro Glu Ser Lys Thr Ile
      65      70      75      80

aag aat tta ctg aaa gca att aac aag caa agg act aaa aga tct cct 347
Lys Asn Leu Leu Lys Ala Ile Asn Lys Gln Arg Thr Lys Arg Ser Pro
      85      90      95

cga aca cag aaa gag gca taa tcactgcact actgataaga tggaccagag 398
Arg Thr Gln Lys Glu Ala
      100

agaagctacc tctacaattg tttccctgtg tacagtatat gtcaagccct aattgttcgt 458
      1

```

ggacttcagt tctcctaaaa ggtgaccaag ccagtcacca aatcagctgc tactactcct 518
 gcaggggggag ggtggctcat caccctgagc tgttcagtag tgactctgcc ctggcactgt 578
 gactgtaagc tataccgggg cgctacgttc tcagttaatg tgctaagtcc cagccttgct 638
 actgacagct tcttccccctt tccaatcttt ctaggttatt aagggatctt tccagctctg 698
 ggcttattag agaccttagg atctcaaata actaagagac attcaaacca ataatgcaat 758
 ctgcttttta aagaaagatc tttactccag gggcttcact gccatccctc caaggggccc 818
 gtattctttc aggtgttatg tacatagttc caaatataca gaagcagcca gaaatatctg 878
 gaaatgtagg tctaaacagt attacttagt caaaaactat acaaagtaga attcttgaag 938
 atatatgttt cttatatgat tttcagtggt catggaataa cttgtataca actatcaact 998
 tatgtaatta ttgcaatgga ataaattttt aaatttagat acatgttctg caggctatgt 1058
 aagacaaata tgctaaatgc tttccaaaat aaaagtaatg ttctctcca gaaataactaa 1118
 gaaagattat gtaattgttt tagaggccaa aaacataata aataattata act 1171

<210> 2
 <211> 102
 <212> PRT
 <213> Ovis aries

<400> 2
 Met Asn Lys Ser Gly Phe Leu Ile Phe Cys Leu Ile Leu Leu Thr Leu
 1 5 10 15
 Ser Gln Gly Ile Pro Leu Ser Arg Asn Thr Arg Cys Thr Cys Ile Glu
 20 25 30
 Ile Ser Asn Gly Ser Val Asn Pro Arg Ser Leu Glu Lys Leu Glu Leu
 35 40 45
 Ile Pro Ala Ser Gln Ser Cys Pro Arg Val Glu Ile Ile Ala Thr Met
 50 55 60
 Lys Arg Asn Gly Glu Lys Arg Cys Leu Asn Pro Glu Ser Lys Thr Ile
 65 70 75 80
 Lys Asn Leu Leu Lys Ala Ile Asn Lys Gln Arg Thr Lys Arg Ser Pro
 85 90 95
 Arg Thr Gln Lys Glu Ala
 100

<210> 3
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Oligonucleotide
 to act as a primer for PCR

<400> 3

cactcctcaa ctcttcaggc	20
<210> 4	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Oligonucleotide to act as a primer for PCR	
<400> 4	
ccattccttt tcattgtggc	20
<210> 5	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Oligonucleotide to act as a primer for PCR	
<400> 5	
gcatcagctt cgatcggtag	20
<210> 6	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Oligonucleotide to act as a primer for PCR	
<400> 6	
gatgcgggcg tagcaatagg	20
<210> 7	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Oligonucleotide to act as a primer for PCR	
<400> 7	
catcttcccc atggccttcg	20
<210> 8	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Oligonucleotide to act as a primer for PCR	

<400> 8
 tcatctcaaa gtgagttcag 20

<210> 9
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Oligonucleotide
 to act as a primer for PCR

<400> 9
 cgatgaaata cacaagctcc 20

<210> 10
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Oligonucleotide
 to act as a primer for PCR

<400> 10
 gattacattg atgctctccg 20

<210> 11
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Oligonucleotide
 to act as a primer for PCR

<400> 11
 atggggaagg tgaaggctcg 20

<210> 12
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Oligonucleotide
 to act as a primer for PCR

<400> 12
 atgtgggcca tgaggtccac 20

<210> 13
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Oligonucleotide
 to act as a primer for PCR

<400> 13
 atggggaagg tgaaggtcgg 20

<210> 14
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Oligonucleotide
 to act as a primer for PCR

<400> 14
 atgtgggcca tgaggtccac 20

<210> 15
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Oligonucleotide
 to act as a primer for PCR

<400> 15
 atggagccct cagacatccc 20

<210> 16
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Oligonucleotide
 to act as a primer for PCR

<400> 16
 gaggatctcc acgtagcaga 20

<210> 17
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Oligonucleotide
 to act as a primer for PCR

<400> 17
 tgctgtgaac cagagtcgtc 20

<210> 18
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Oligonucleotide

to act as a primer for PCR

<400> 18
atccactgca cagctgtggc 20

<210> 19
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Oligonucleotide
to act as a primer for PCR

<400> 19
gaagcaggaa agagagcctg 20

<210> 20
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Oligonucleotide
to act as a primer for PCR

<400> 20
ctatatccgt ggctcctttc 20

<210> 21
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Oligonucleotide
to act as a primer for PCR

<400> 21
ctcaaattcca gccacagcag 20

<210> 22
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Oligonucleotide
to act as a primer for PCR

<400> 22
ccagcgaagt gaaacacagc 20

<210> 23
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Oligonucleotide
 to act as a primer for PCR

<400> 23
 agattggaga cacggtgagc 20

<210> 24
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Oligonucleotide
 to act as a primer for PCR

<400> 24
 gtacttgaaa gtgatcttgc 20

<210> 25
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Oligonucleotide
 to act as a primer for PCR

<400> 25
 gtctgaagat tggggacagc 20

<210> 26
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Oligonucleotide
 to act as a primer for PCR

<400> 26
 ggtacacgct ctggttctcc 20